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TITLE: Stabilized protein crystals, formulations comprising them and methods of making them

Detail Description Paragraph (117):

[0172] Preferred ingredients or excipients include: Salts of 1) amino acids such as glycine, arginine, aspartic acid, glutamic acid, lysine, asparagine, glutamine, proline, 2) carbohydrates, e.g. monosaccharides such as glucose, fructose, galactose, Mannose, arabinose, xylose, ribose and 3) disaccharides, such as lactose, trehalose, maltose, sucrose and 4) polysaccharides, such as maltodextrins, dextrins, starch, glycogen and 5) alditols, such as mannitol, xylitol, lactitol, sorbitol 6) glucuronic acid, galacturonic acid, 7) cyclodextrins, such as methyl cyclodextrin, hydroxypropyl-.beta.-cyclodextrin and alike 8) inorganic salts, such as sodium chloride, potassium chloride, magnesium chloride, phosphates of sodium and potassium, boric acid ammonium carbonate and ammonium phosphate, and 9) organic salts, such as acetates, citrate, ascorbate, lactate 10) emulsifying or solubilizing agents like acacia, diethanolamine, glyceryl monostearate, lecithin, monoethanolamine, oleic acid, oleyl alcohol, poloxamer, polysorbates, sodium lauryl sulfate, stearic acid, sorbitan monolaurate, sorbitan monostearate, and other sorbitan derivatives, polyoxyl derivatives, wax, polyoxyethylene derivatives, sorbitan derivatives 11) viscosity increasing reagents like, agar, alginic acid and its salts, guar gum, pectin, polyvinyl alcohol, polyethylene oxide, cellulose and its derivatives propylene carbonate, polyethylene glycol, hexylene glycol, tyloxapol. A further preferred group of excipients or ingredients includes sucrose, trehalose, lactose, sorbitol, lactitol, inositol, salts of sodium and potassium such as acetate, phosphates, citrate, borate, glycine, arginine, polyethylene oxide, polyvinyl alcohol, polyethylene glycol, hexylene glycol, methoxy polyethylene glycol, gelatin, hydroxypropyl-.beta.-cyclodextrin.